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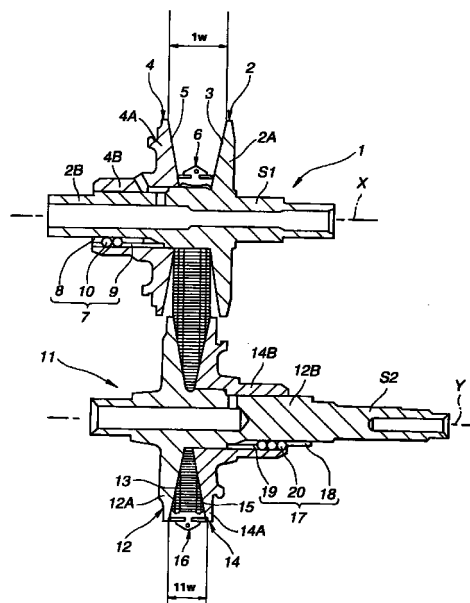
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(54) **V-belt pulley and continuously variable transmission using the same**

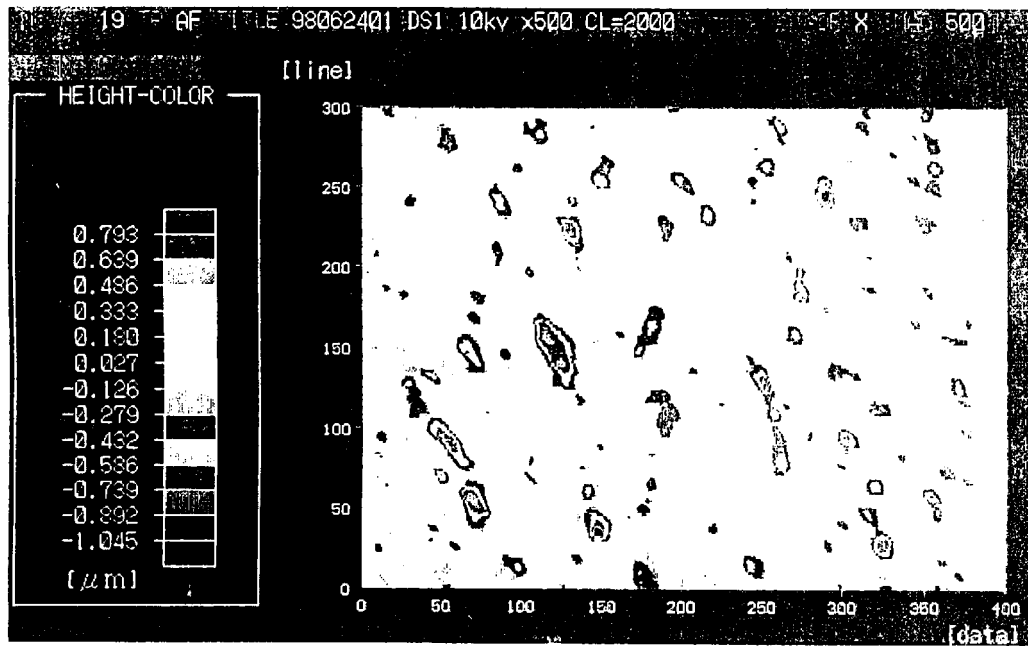
(57) A pulley for use with an endless metal belt, including pulley halves rotatable about an axis. The pulley halves include truncated conical portions symmetrically opposed to each other and outer surfaces disposed on the truncated conical portions so as to be engageable with the belt. The outer surface of each pulley half has a centerline average roughness (Ra) of 0.1 to 0.5 μm , a Vickers hardness (Hv) of not less than 850 at a load of 200 g, and a microstructure with random fine irregularities in which a great number of recesses and projections are randomly located. A continuously variable transmission including the pulley is also disclosed.

FIG.1



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FIG.2





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